

## BOARD PRODUCT AND METHOD OF MAKING THE SAME

### ABSTRACT OF THE DISCLOSURE

A method of forming a coated boxboard product is provided. A boxboard product is formed without being processed by a Yankee dryer, and further comprises a plurality of fiber plies, including outermost plies forming the top and back sides and comprised of bleached chemical pulp, and medial plies disposed between the outermost plies and

5 comprised of groundwood, pressure groundwood, chemithermo-mechanical pulp, recycled pulp, and/or broke. The boxboard product is precalendered with a surface conditioning device and then coated such that the coated boxboard product has a density of between about  $500 \text{ kg/m}^3$  and about  $1000 \text{ kg/m}^3$ , and a basis weight of between about  $150 \text{ g/m}^2$  and about  $400 \text{ g/m}^2$ , and the top side has a PPS-s10 roughness of between about

10  $0.5 \text{ }\mu\text{m}$  and about  $2.0 \text{ }\mu\text{m}$  and a Hunter gloss of between about 35% and about 80%.